Revenue (1898) Department.

MISCELLANEOUS SERIES.

G.O., No. 4460

DATED 15th November 98

[Despatch Abstract.]

Recording Bd's Proc. regarding the removal from the Famine Relief Programme of certain works in the Cuddapah district.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

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Revenue (1898) Department.

CURRENT No. 4486

Rh 15/11

From The Board of Revenue Revenue Settlement, Land Records and Agriculture Madras.

Order No. No. 4460 dt/15th Nov. 1898.

No. 6312 Misc.

Recorded.

Dated 28th October 1898

Received 1 Nov.

Registered 2 "

Enclosures 2

Spare copies

To Rev. P.W.D. dt. 17-11-98

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9-11-98
RS
1-11-98

SUBJECT.

Recording letter from the Chief Engineer for Irrigation informing that certain works in the Cuddapah District may be removed from the Famine Relief programme

BACK PAPERS.

G.O.	No.	Department.	Date.
Ms	4002	Rev	7-10-98

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Report of the result of the investigation by the No 6 party T.P.S of the Kutagulla project which is borne on the list of Famine Programme works as "Construction of a tank on the Maddaleru river in the limits of Kutagulla".

Proposal - The proposal is to form a tank ~~or~~ reservoir by bunding across the course of the Maddaleru river.

Site of dam — The proposed site of dam is situated in 14°7'30" N. Latitude & 78°10' E. Latitude within the limits of the Kutagulla village adjoining Kundamayanapalem, Kadiri Taluk.

Two sites have been selected for the dam, either of which possesses about equal facilities for construction as also for the disposal of surplus at either flank, vide sites marked Nos 1 & 2 in tracing A; the two sites selected are very similar for construction of a dam

dam, being in each case the connecting of two gullies or lowlying ridges, (of a loose blackboulderlike appearance with a cementing of earth so commonly met with in the Ceded Dts) one on either bank of the river, and continuing the dam to the high ground or hill beyond. At site no 1 the levels after extending beyond the gullies on the right flank, cross a minor valley before reaching the foot of the hill beyond. Similar Contours have also been taken in this minor valley as for the main river valley. Dividing this river and minor valley is a rocky ridge in the direction of the line B.C. shewn in tracing A, the Crest of which nearly corresponds with the R.L of the 30' Contour; this ridge would be a fine

fine site for the disposal of surplus, were a tank of the capacity that is with F.T.L. at 30' Contour decided upon. There are also good sites for the disposal of surplus at the left flanks of either site Nos 1 & 2. the ground surface being of a rocky or stony nature.

The soil in the vicinity of the proposed sites is of a gravelly nature and rock may be expected to be met within 3 or 4 feet of the surface as evidenced by existing wells and banks in the vicinity.

The bed of river at points of Crossing by proposed dam at each site show patches of reddish slate sheet rock here and there, with a Kunker subsoil, vide Longitudinal and cross sections of proposed bund

found at sites Nos 1 & 2. Indicated C & D on section papers.

Water-supply available - The Maddaberu river above site of proposed dam has a C.C.B of 166 sq: miles, and an independant Catchement basin of 14 sq: miles Vide tracing G, which gives a basin discharge of 9395 cft. per second. Vide Calculation sheet attached marked S.1.

Flood discharge of river:- The flood discharge as calculated from the Muthiyal cheruvu situated about 3 miles above the proposed dam and under which has exactly the same C.C.B traverses the 14 Sq: miles of independant C.C. area of the tank now proposed on a C.C.B of Contour 52 Sq: miles - The discharge from the Muthiyal Cheruvu weir and byewash

with R.L = 270 feet depth of water on weir Crest = for weir 3532 & byewash 1194 Cft on a total discharge of 4726 Cft. per second vide Calculation sheet S.1 and Section A of byewash.

Capacity of proposed tank - The capacity of the ~~proposed~~ tank at the 10', 20', 30' & 40' Contour margins in millions of Cft. ie 6.94; 37.30; 119.65 & 281.10 respectively

Existing sources of irrigation - Taking into consideration the amount of existing irrigation under present sources viz 104.61 acres which would be submerged under the proposed tank vide statement S.2 and 131.71 acres which lie below the proposed dam vide Rev: Inspector's statement marked S.3 attached. The total acreage under existing sources is therefore in round number 236 acres, which

6 which would leave a somewhat small
balance in favour of a tank if Constructed
with F.T.L. at 40' contour level.

Submerged Areas } Re submerged areas
vide Statement S.2 } in each village limit
under the various Contours are shewn
in Statement S2.

A total of 104.61 Acres wet and
319.84 dry cultivation of which 100
acres wet cultivation and 167 acres
dry land belong to the Kandamana-
-yampalem Agraharam, all the
lands of which are temple endowments.
The approximate Compensation payable
for submergement is in round number
Rs 60,000.

Acreage available for Irrigation. Vide Revenue
Inspectors Statement S.3 with his forwarding
letter to Tahsildar dated 19th April 1897.
The Revenue Inspector in
his marginally quoted statement

gives 2093 acres with a further anticipation
of acres 589 (at present forest reserve) as
likely to be converted from dry and waste
lands into wet cultivation were sufficient
water available:—

One fourth of the above quantity would
probably be nearer the mark even
were a tank of the required capacity
available.

Distributary Channels. Two Channels
have been traced from site of proposed
tank, one from the right bank of the river
and one from the left, taking off at
respective R.L.S of 310.00 & 305.00
to 45 ft. above river bed at starting
point. The channel on the right would
irrigate about 140 acres and would
be two miles in length.

Left Bank Channel. The trace of the
Channel

Channel from left bank has been taken almost along the line of an old supply Channel for 2½ Miles to the Senappakunta, a breached tank from time immemorial.

The Channel would Command the balance of the land to be irrigated but would have to be extended from the Senappakunta towards the Village of Yerradodi a further distance of two miles near which most of the reputed irrigable lands lie.

Senappakunta. On inspection of this old ruined Kunta, it was thought that, if repaired, it might possibly serve as an auxiliary storage to the proposed reservoir, Subsequent Contours however taken at deep bed level, at the approximate original F.T.L 289'4 at 295:00 prove the tank of small Capacity. Vide tracing B Contour at 96.00 gives a shallow water spread of 50 acres. For levels of bund and Cross section vide level sheets marked E.

The project altogether appears to be a most unfavorable one

(Signed) J.H. Gilyett, Condr
Supervisor 6 Party T.R.S

Camp Talapula
22nd May 1897

(True copy)
(Signd) F. J. Wilson
Asst Chief Engineer for Irrigation

(True copy)

C. Jenn

for Secretary

E&OA
31/10

Copy of letter No 2428 I dated 29th September 1898 from the Superintending Engineer, Third Circle, to the Chief Engineer for Irrigation

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I have the honor to forward the reports, surveys and other papers connected with.

(1) The Kutagulla Project which is entered on the list of works in the Famine Relief Progamme for the Cuddapah District

2. The Tambalapalli Project which is also on the list of Famine Relief works.

I am of opinion that No (1) should be condemned and removed from the list of works available for Famine relief, because the construction of the tank would submerge 236 acres of existing wet cultivation besides 819 acres of dry; and the compensation required would be heavy.

The second project also should in my opinion be given up and

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Encl. No. 1
Cur. No. Plans

and removed from the famine Relief programme, because there are only 104 acres available for wet cultivation under the proposed tank, while the submerged area under a 40' contour would be 92 acres of dry and 19 acres of wet

(True copy)
(Signed) F. J. Wilson
Assistant Chief Engineer for Irrigation

(True copy)

C Bevan
for Secretary

(Sett. 13—2,000—[illegible]—98.

REVENUE BOARD OFFICE MADRAS

Proceedings of the Board of Revenue
(Revenue Settlement, Land Records and Agriculture),
Dated 28th October 1898
No. 6312 Miscellaneous

READ the following letter from W Hughes Esqr, Chief Engineer for Irrigation, No 335 M dated 18th October 1898:-

I have the honor to inform you that the reports submitted by the Superintending Engineer, Third Circle, on projects Nos 12 and 15 of the list embodied in para 5 of the Board's Proceedings No 336, dated 8th September 1898, indicate that the projects should be abandoned and to request that they may therefore be removed from the famine programme.

Resolution

Resolution

Recorded

(True Copy & Extract)

C Benne

For Secretary

Copy to the Collector of Cuddapah, with enclosures
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Revenue Department, — with do —

Encl
Bills

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READ AGAIN G.O., No. DATED
189 ,

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT .. .. .. A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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